IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application	of:	Dong Young Kim and Yu	n Chur Chung
Serial Number:	` •	nal KR) 1999-33359 PCT/KR00/00899	New:
Filed:	` _	nal KR) 13 August 1999 12 August 2000	New:
For:		4	ransmission Capacity and Wavelength ransmission System Using the Same
Assignees:	LG Ca	ble Ltd. and Korean Adva	nced Institute of Science and Technology

DECLARATION FOR PATENT APPLICATION

This Declaration is made by Dong Young Kim and Yun Chur Chung.

I, Dong Young Kim, hereby declare:

I am a citizen of the Republic of Korea and that my residence and mailing address is 107-303, Daerim Apt., Daebang-dong, Dongjak-gu, Seoul, Republic of Korea, 150-020.

I, Yun Chur Chung, hereby declare:

- I am a citizen of the Republic of Korea and that my residence and mailing address is 101-401, Hanvit Apt., Oeun-dong, Yusong-gu, Taejon, Republic of Korea, 305-333.

We, Dong Young Kim and Yun Chur Chung, each hereby declare:

We believe that we are the original, first, and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled an "Fiber Optic Cable for Increased Transmission Capacity and Wavelength Division Multi-Plexing Optical Transmission System Using the Same" and:

- Republic of Korea Application Number 1999-33359 filed 13 August 1999 originally entitled "Fiber Optic Cable for Increased Transmission Capacity and Wavelength Division Multi-Plexing Optical Transmission System Using the Same"; and also
- PCT Application Number PCT/KR00/00899, filed on 12 August 2000, entitled "Fiber Optic Cable for Increased Transmission Capacity and Wavelength Division Multi-Plexing Optical Transmission System Using the Same," designating the United States of America;

the specifications of which have been provided to us at or prior to the time of signing this declaration, and of which we hereby claim the benefit of and priority pursuant to 35 U.S.C §§119, 120, or 365 we have identified in the request of this application, in compliance with PCT Rule 4.10, any claim to foreign priority and we have identified above by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

We hereby declare that the above specifications are intended to include disclosure or claims directed to, individually or in combination: embodiments of the invention which may encompass a device, apparatus, method, process, or business method; embodiments of the invention which may encompass permutations or combinations of any aspects of the invention; any aspect of the invention conceived or developed as separate inventions; and any aspect of the invention independent of any initial context considered as preferred embodiments. We also authorize and support this application for patent protection in the United States, and for similar protection in foreign countries, each to be sought to the extent or breadth any owner desires or deems appropriate. We acknowledge that each of the attorneys and the firm filing this application are attorneys for the assignee LG Cable Ltd. and Korean Advanced Institute of Science and Technology only.

We hereby state that we have reviewed and understand the contents of the specification entitled "Fiber Optic Cable for Increased Transmission Capacity and Wavelength Division Multi-Plexing Optical Transmission System Using the Same," including any claims.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

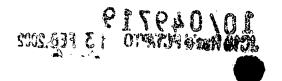
Date:		
	Dong Young Kim	
Date:		
	Witness	

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Date:		
,	Yun Chur Chung	
Date:		
	Witness	

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In Re the Applicati	ion of: Dong Yo	ung Kim and Yur	n Chur Chung
Serial Number:	(original KR) 19 (PCT) PCT/KR0		New:
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For:	-		ransmission Capacity and Wavelength ransmission System Using the Same
Assignees:	LG Cable Ltd. ar	nd Korean Advan	ced Institute of Science and Technology
_	POV	VER OF ATTO	RNEY
I, C	hang Sun Hong of Ko	orean Advanced In	nstitute of Science and Technology, hereb
appoint Santangelo	Law Offices, P.C., v	whose mailing add	lress is 125 South Howes, Third Floor, For
Collins, Colorado 8	30521, including Luk	e Santangelo, wh	ose registration number before the Unite
States Patent and T	rademark Office is 3	1,997, Craig R. M	iles, whose registration number before th
United States Pate	ent and Trademark	Office is 45,954	, and Alfred K. Wiedmann Jr., whos
registration numbe	r before the United S	states Patent and	Гrademark Office is 48,033 as LG Cabl
Ltd.'s attorney(s)/a	igent(s) to prosecute	this application	entitled Fiber Optic Cable for Increase
Transmission Capa	icity and Wavelength	Division Multi-Pl	lexing Optical Transmission System Usin
_	-		e connected therewith. The undersigne
			eys for the assignee, Korean Advance
	e and Technology, or		, ,
Dated this day		·	vanced Institute of Science and Technolog
		Ву:	
			ng Sun Hong



IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

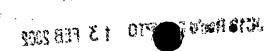
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For:	Fiber Optic Cable for Increased Transmission Capacity and Wavelength Division Multi-Plexing Optical Transmission System Using the Same		
Assignees:	LG Cable Ltd. and Korean Advanced	d Institute of Science and Technology	

CERTIFICATE OF EXPRESS MAILING

- I, Cheryl A. Swanson, hereby certify to the truth of the following items:
- 1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.
- 2. I have this day deposited the attached Power of Attorney for Korean Advanced Institute of Science and Technology with the United States Postal Service as "Express Mail" for mailing to the Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231.

Dated this 13 day of February, 2002.

Cheryla. Swansen Cheryl A. Swanson



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Assignees:	LG Cable Ltd. and I	Korean Advance	d Institute of Science and Technology
	POWE	R OF ATTORN	NEY
address is 125 South I whose registration nu Miles, whose registration and Alfred K. Wied Trademark Office is entitled Fiber Optic Office Connected the	Howes, Third Floor, Famber before the United tion number before the mann Jr., whose regular, who	Fort Collins, Colored States Patent and United States istration number Ltd.'s attorney(stransmission Caping the Same and igned acknowled)	ngelo Law Offices, P.C., whose mailing brado 80521, including Luke Santangelo, and Trademark Office is 31,997, Craig R. Patent and Trademark Office is 45,954, ar before the United States Patent and Salagent(s) to prosecute this application pacity and Wavelength Division Multidato transact all business in the Patent alges that the agent(s) appointed is/are d.
		By:	Koo Kwon

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Dong Young Kim and Yun Chur Chung

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For:

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Division Multi-Plexing Optical Transmission System Using the Same

Assignees:

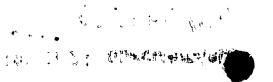
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- 2. I have this day deposited the attached Power of Attorney for LG Cable Ltd. with the United States Postal Service as "Express Mail" for mailing to the Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231.

Dated this 12 day of February, 2002.

Cheryla-Swanson



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Dated this 13 day of February, 2002.

Cheryla. Swanson